

SAFETY DATA SHEET

TEK-1088

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Trade name: TEK-1088

Chemical name: Color Body Neutralizer

Chemical family: Industrial Water Treatment

Company: SYNTHEX ORGANICS, LLC
4601 Cortland Avenue
Altoona, PA 16601
United States

Telephone: 814-941-8375

Telefax: 814-941-1031

Emergency telephone number: Call CHEMTREC Day or Night
1-800-424-9300 / +1 703-527-3887 CCN809665

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:



GHS05 Corrosion

H314 Causes severe skin burns and eye damage.



GHS07

H302 Harmful if swallowed.

GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:



GHS05



GHS07

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HAZARDS IDENTIFICATION CONT.

Appearance and odor: Pale green liquid with a bland odor.

Potential health effects

Eye contact: Contact causes eye irritation and burns.

Skin contact: Contact causes skin irritation or damage. Greater contact may cause dermatitis.

Ingestion: Ingestion of this product causes irritation and damage of the mucous membranes of the mouth, esophagus, stomach, and intestine.

Inhalation: This product is not expected to present an inhalation hazard unless mists or aerosols are produced and inhaled. If mists or aerosols are inhaled, irritation and possibly burns of the respiratory tract will occur.

Chronic: No known information.

Carcinogenicity: No ingredients listed by NTP, IARC, OSHA.

3. COMPOSITION / INFORMATION OF INGREDIENTS

Chemical Name	CAS #	Weight %	TLV/PEL
Aluminum Sulfate Residue	10043-01-3	<30	2mg/3 Ceiling
Quaternary Amine	Trade Secret	10-15	

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Get medical attention if indicated. Apply artificial respiration if necessary.

Skin: Flush with water, then wash exposed skin with soap and water. Launder contaminated clothing before reuse.

Eye: Promptly flush eyes with large amounts of water for 15 minutes and get medical attention.

Oral: Drink plenty of water. Get medical attention immediately. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water, carbon dioxide, dry chemical, or foam.

Flash point: Not applicable.

Flammable limits: Not applicable.

Fire fighting measures: Firefighters should be equipped with self-contained breathing apparatus and protective clothing. Water may be used to cool fire exposed containers.

Fire and explosion hazards: None known.

Decomposition products: Thermal decomposition may produce carbon monoxide, carbon dioxide. Sulfur Trioxide above 650F, Sulfuric Acid fumes.

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6. ACCIDENTAL RELEASE MEASURES

Contain spill if without risk. Wear proper protective equipment. Neutralize with soda ash or lime in a well ventilated area. Neutralized material should be containerized and disposed of in a landfill.

7. HANDLING AND STORAGE

Use with adequate ventilation. Do not get in eyes. Avoid skin contact. Do not take internally. Use reasonable care.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Local exhaust is recommended.

Eye protection: Chemical goggles or face shield.

Skin protection: Rubber or impervious gloves.

Respiratory protection: Organic vapor respirator in confined spaces.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid

Color: Pale green.

Odor: Bland

pH: <1

Boiling point: >210 °F

Vapor pressure (mm Hg): Like water

Solubility in water: Complete.

Flash point: Not applicable.

Flammable limits: Not applicable.

Density: 10.75 lbs/gallon

Specific gravity (@20C) : 1.29

Evaporation rate (water=1): Like water.

Vapor density (air=1): Like water.

Percent volatile by volume: 44

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10. STABILITY AND REACTIVITY

Chemical stability: Stable.

Conditions to avoid: None known.

Incompatibilities: Reacts with lime or other basic compounds to form insoluble neutral salt.

Hazardous polymerization: Hazardous polymerization will not occur.

Decomposition products: Thermal decomposition may produce carbon monoxide, carbon dioxide. Sulfur Trioxide above 650F, Sulfuric Acid fumes.

11. TOXICOLOGICAL INFORMATION

12710 mg/kg oral rat LD50

12. ECOLOGICAL INFORMATION

Toxicity to daphnia magna (whole product): LC50 (Daphnia magna (Water flea)): 1.34 mg/L
Exposure time: 48 h
Test substance: Water Accommodated Fraction
Method: OECD Test Guideline 202
Remarks: Based on data from similar materials

13. DISPOSAL CONSIDERATIONS

Disposal: This material does not qualify as a RCRA hazardous waste due to the characteristic of corrosivity (D002). Dispose of in accordance with all federal, state and local regulations.

Container disposal: Empty containers may contain residuals. Thoroughly clean, then offer for recycling, reuse, or disposal in accordance with government regulations.

14. TRANSPORTATION REGULATIONS

DOT Proper Shipping Name: Contains Aluminum Sulfate Residue

Primary Hazard Class/ID No: UN 3264

DOT Labels Required: 8

Packing Group: III

Label: Compounds, Water Clarifying, Liquids

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15. REGULATORY INFORMATION

TSCA: The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

SARA TITLE III (Sections 302, 311, 312, and 313):

Section 302 Extremely Hazardous Substances (40 CFR 355):

<u>Chemical Name</u>	<u>CAS#</u>	<u>RQ</u>	<u>TPQ</u>
None			

Section 311 and 312 Health and Physical Hazards:

Hazard Category: Acute Health Hazard

Threshold planning quantity: 10,000lbs.

Section 313 Toxic Chemicals (40 CFR 372):

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Percent by Weight</u>
None		

California Proposition 65: This product does not contain any substance known to the state of California to cause cancer.

FDA: None.

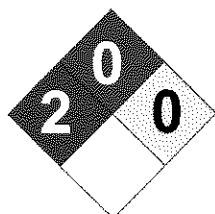
USDA: None.

RCRA Hazardous Waste Number: D002(Corrosive)

16. OTHER INFORMATION

NFPA:

Health: 2
Flammability: 0
Instability: 0



The information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of manufacturer. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the health of employees and customers.

Revised October 13, 2016, C. Vincent